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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	:	10/598,489
Applicant	:	Huei-Min Ke et al.
Title	:	DEODORIZING SYSTEM
Filed	:	August 31, 2006
TC/A.U.	:	(not yet assigned)
Examiner	:	(not yet assigned)
Docket No.	:	3304.2.194.2
Customer No.	:	21552

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Transmitted herewith is an Information Disclosure Statement disclosing information which has come to the attention of applicants and/or their attorneys and is being submitted so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56. In accordance with 37 C.F.R. § 1.97(b), the enclosed Statement is being filed within three (3) months of the filing date of the above-identified application or before the mailing date of a first Action on the merits.

Neither applicants nor their attorneys make any representation that any information disclosed herein may be "prior art" within the meaning of that term under 35 U.S.C. § 102 or § 103. Moreover, pursuant to 37 C.F.R. § 1.97, the filing of this Information Disclosure Statement

shall not be construed as a representation that a search has been made or as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.98, transmitted herewith are:

1. A completed copy of Form PTO/SB/08a "Information Disclosure Statement by Applicant" listing the patents, publications and other information being submitted for consideration; and

2. A legible copy of each patent, publication and other item of information in written form listed on the enclosed Form PTO/SB/08a, except for copies of U.S. patents and published U.S. patent applications which are not required for applications filed after June 30, 2003.

NON-ENGLISH INFORMATION

Pursuant to 37 C.F.R. § 1.98, following is a concise explanation of the relevance (as it is presently understood by the individual designated in 37 C.F.R. § 1.56(c) most knowledgeable about the content of the information), of each listed patent, publication or other information that is not in the English language:

1. CN 2235778Y discloses:

Page 2, lines 10-12 & Fig. 1

There is an air extraction means above a toilet (2). A side air extraction pipe (5) is mounted between the toilet (2) and a main air extraction pipe (3). A fan (1) is mounted on an exit of the main extraction pipe (3).

2. CN 2440859Y discloses:

Page 1, lines 17-22 & Fig. 1

Embodiment 1: This embodiment consists of a seat 2, a fan 1, an electric machinery 4, and a check valve 6. There are air extraction openings 3 at both ends inside the seat 2. The air extraction openings 3 are connected to an air extraction channel 5 inside the seat 2. The electric machinery 4 is fixed on a prop 7. The fan 1 is coupled to an output axis of the electric machinery 4. A duct 8 is mounted between the air extraction duct 5 of the seat 2 and the fan 1. An exit of the fan 1 is connected to an entrance of the check valve 6 through a duct 9. An exit of the check valve 6 is connected to a downcomer 11 through a duct 10.

3. CN 2525138Y discloses:

Page 2, lines 5-21 & Fig. 1

In the drawings, the present application consists of a bowl 1, an air passage opening 2, a soft connector 3, an air check valve 4, an air extraction duct 5, a reducing connector 6, a fan 7, an inner air passage 8, an inject tee 9, a seat 10, a blocking plate 11, a inject tube 12, a flush body 13, a flush passage 14, flush holes 15 & 16, a photo and electric insulating controller 17, a plug 18, a pressure switch 19, a conducting wire 20, and a water tank 21. Inside the bowl 1 is equipped with the flush body 13, the inject tee 9, and the inner air passage 8. The inner air passage 8, blocking plate 11 and the inject tube 12 are mounted on the inject tee 9. The flush passage 14 and flush holes 15 & 16 are mounted on the flush body 13. The pressure switch 19 is mounted on the seat 10. The air passage opening 2, the soft connector 3, the air check valve 4, the air extraction duct 5, the reducing connector 6, and the fan 7 are connected in sequence. The air passage opening 2 is inside the water tank 21. An electric-controlling part consists of the fan

7, the photo and electric insulating controller 17, the plug 18, the pressure switch 19, and the conducting wire 20. According to the present application, the toilet odor passes the flush hole 15, the flush passage 14, the inject tee 9, the inner air passage 8, the air passage opening 2, the air check valve 4, the air extraction duct 5, the reducing connector 6, and the fan 7 to enter an air extraction passage, thereby removing the toilet odor. When the toilet is no in use, the pressure switch is turned off, the fan 7 stops, the air check valve closes, and the flush passage 14 flushes. The flush passage 14 is provided for the passage of both the odor and the water.

4. CN2137267Y discloses:

Page 2, lines 13-17 & Fig. 1

A deodorizing device of a novel toilet is provided. A fan 3 is mounted in a ceramic body of the toilet. An upper end of the fan 3 is connected to a flat duct 2, and a lower end is connected to an air extraction duct 11. The air extraction duct 11 is equipped with a check valve 9 to prevent the backflow of the odor. The toilet odor is extracted by the fan 3 to pass the flat duct 2, the air extraction duct 11, and the check valve to enter a sewer. No additional air extraction passage 5 is required. The installation of the air extraction duct 11 and the check valve 9 is determined according to the position of the sewer.

4. TW205832 discloses:

Abstract

The present application relates to an improved air-extracting apparatus for a toilet, especially relates to a toilet having an air-extracting way perpendicular to a flush way. The air-extracting holes are disposed along the lower edge of the air-extracting way and are hided so that

the sewage and urine will not enter into the air-extracting holes and isn't deposited in the air-extracting way while washing the toilet. The cross-sectional area of the air-extracting way is larger than that of the flush way to effectively remove the odors. Further, while installing an exhaust tube system in a building, a wind power-adjusting device can be mounted between air-extracting entrances and exhaust tubes to evenly adjust the air-extracting power for various floors.

5. TW595627 discloses:

Abstract

The present application entitled "Improved Squat Toilet Structure" provides a squat toilet structure which can rapidly remove odors and allow air to circulate. There are exhaust way and flush way formed inside the upper part of the squat toilet. An exhaust tube connected to an extractor fan is coupled to an end of the exhaust way. By the extractor fan, air can circulate in the room. The air flow due the extractor fan is greater than the water flow in the flush period to form negative pressure in the squat toilet. Hence, air can circulate when the squat toilet is not in use, and odors can be effectively removed when the squat toilet is in use.

6. JP3-199538 discloses:

Abstract

PURPOSE: To adjust the suction in correspondence with the existence of bad odor by installing an adjusting valve between a bad odor generating source and a suction duct, in a deodorizing mechanism for deodorization through a suction duct from the odor generating source in a toilet.

CONSTITUTION: A toilet bowl 9 for urine, bench type toilet bowl 17, a washing stand unit, etc., are installed along a wall panel in a structure body. A deodorizing port 27 is formed on a plinth 25 between the wall panel and a floor 23, and a duct is connected the deodorizing port 27, and connected with an aspiration duct 37, together with the ducts 31, 33, and 35 which are connected the odor generating sources such as toilet bowl for urine. When the bad odor generated from the order generating sources 17, 9, etc., is discharged by a ventilating fan 39 installed on the downstream side of the duct 37, suction is adjusted by the adjusting valves 41, 47, 43, etc., installed between the duct 37 and the odor generating sources 9, 17, etc. Accordingly, suction can be freely adjusted.

Respectfully submitted,

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Date: October 3, 2006

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